

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Solomon W. Golomb, et al.      Art Unit: 2164  
Serial No. : 09/576,598                      Examiner: Belix M. Ortiz  
Filed : May 22, 2000  
Title : ENCRYPTION SYSTEM BASED ON CROSSED INVERSE  
              QUASIGROUPS

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Notice of Allowance Date: April 10, 2007

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed April 10, 2007, enclosed are a completed issue fee transmittal form PTOL-85b and transmittal of 2 sheets of formal drawings.

COMMENTS ON EXAMINER'S REASONS  
FOR ALLOWANCE AND STATEMENT OF INTERVIEW

Applicant appreciates the opportunity to have discussed the pending claims with the examiner in a telephone interview on September 13, 2006. In the telephone interview, the applicant's representative and the Examiner discussed amendments to claims 1 and 19. During the interview, agreement was reached that the proposed language, which has now been added to the claims, would overcome the art of record, subject to further search and review. Claims 1, 3-16, 19, 21-26, 29, 31-33, and 35-36 are allowed.

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Attorney's Docket No.: 06666-  
032001 / USC 2864

It is agreed that the limitations recited in the examiner's Reasons for Allowance are not taught or suggested by the art of record, and that the allowed independent claims 1, 19, 23, and 29 are distinguished from the cited prior art for at least the reasons stated in the Reasons for Allowance. Applicant does not concede that the stated reasons are the only grounds for patentability of the allowed claims, that the limitations excluded from the Reasons for Allowance are taught or suggested by the art of record, or that all of the limitations are necessary for patentability of the allowed claims or other claims directed to the disclosed subject matter. For example, other claims including different limitations are patentable over the cited prior art.

Please apply the required fee in the amount of \$700 to our Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 10, 2007

/Scott C Harris/  
Scott C. Harris  
Reg. No. 32,030

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# **PART B – FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop **ISSUE FEE**  
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**P.O. Box 1450**  
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**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

20985 7590 04/10/2007

**FISH & RICHARDSON P.C.**  
**P.O. BOX 1022**  
**MINNEAPOLIS, MN 55440-1022**

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/576,598	05/22/2000	Solomon W. Golomb	06666-032001	1702

**TITLE OF INVENTION: ENCRYPTION SYSTEM BASED ON CROSSED INVERSE QUASIGROUPS**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEES DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	07/10/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
ORTIZ, BELIX M.	2164	380-27700

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. **Fish & Richardson P.C.**

2. \_\_\_\_\_

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY AND STATE OR COUNTRY)

**University of Southern California**

**Los Angeles, CA**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ Ja. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ Jb. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature) /Scott C. Harris/

(Date) July 10, 2007

Typed or Printed Name Scott C. Harris

Registration No. 32,030

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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